State of Washington Department of Ecology
Northwest Regional Office
WATER COMPLIANCE INSPECTION REPORT

substitute for OMB No. 2040-0057 and EPA form 3560-3 (Rev. 9-94) (last file update 12-95.)

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES #	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N 2 5	3 WA-003196-8 11	12 07/12/13 17	18 R	19 S	20 2

Remarks

Inspection work days	Facility Self-Monitoring Evaluation Rating	BI	QA	Reserved
67 0.2 69	70 2	71 N	72 N	73 ____ 74 75 ____ 80

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*	Entry Time/Date	Permit Effective Date
SEATTEL IRON AND METAL CORPORATION 601 S. MYRTLE STREET SEATTLE, WA 98108	1:00 PM 12/13/07	12/01/07
	Exit Time / Date 3:00 PM 12/13/07	Permit Expiration Date 12/01/12

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)
Eric Paul, VP of Operation
SEATTEL IRON AND METAL CORPORATION
601 S. MYRTLE STREET - SEATTLE, WA 98108

Other Facility Data

Name, Address of Responsible Official/Title/Phone and Fax Number.
Eric Paul, VP of Operation
206-682-0040

Phone Number Fax Contacted? ☒ Yes ☐ No

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

☒	Permit	☐	Flow Measurement	☒	Operations & Maint.	☐	CSO/SSO (Sewer Overflow)
☐	Records/Reports	☐	Self-Monitoring Program	☐	Sludge Handling/Disposal	☒	Pollution Prevention
☒	Facility Site Review	☐	Compliance Schedules	☐	Pretreatment	☐	Multimedia
☒	Effluent/Receiving water	☐	Laboratory	☒	Storm Water	☐	other

Section D: Summary of Findings/Comments

This was a reconnaissance inspection. SEATTEL IRON AND METAL(SIM) is the only scrap yard this size for cars and other metals in NWRO and considered one of the largest in Washington.

Robert Wright and Mike Jeffers of Ecology and I arrived at the facility at about 1.00 PM and met with Mr. Eric Paul, VP of Operation. We discussed that the purpose of our visit was to familiarize Robert Wright and Mike Jeffers with the site as part of their Duwamish Urban Waters Source Control Initiative in support of the Superfund Clean-up of the river. Mr. Paul walked us through the drawings before we started the actual site visit. SIM uses a metal shredder to break up larger pieces of ferrous and non-ferrous metals into smaller pieces. The smaller pieces are sold to metal recyclers for further processing. Other non-metals and non-recycleable materials, such as foams and some plastics are landfilled. The facility had been operating under administrative order that was issued on May 28, 1999 and general permit # SO3003645C. A new permit was issued in November 2007 that became effective on December 1st. The site appeared to have excessive stockpiles of recyclable materials that needed be removed as soon as possible. The site appeared to have been pushed to its limits. The stormwater on site appeared to be extremely contaminated and viscous. The implementation of pollution source control measures on the site was very limited. Adequate catch basins inlet protection was missing. They appeared to be filled with extremely dirty/oily runoff. Failure to properly control the pollution at its source would likely jeopardize the efficiency of the stormwater treatment system. We noticed oily stormwater on the dock that may flow to the river instead of the treatment system. The facility was originally designed to collect the contaminated stormwater in an underground storage vault. The vault was designed based on 5 year- 24hr. Runoff as a result of storms larger than the design storm is discharged directly to the river. The treatment plant starts operation and treatment when wastewater collected in the vault reaches a certain height and activates a float switch. The treated contaminated stormwater is discharged to Duwamish River. The system is fully automated and it can also run manually. Besides contaminated stormwater, the facility generates some process wastewater which is discharged to King County sanitary sewer system. The County's pretreatment program has issued an industrial users permit to the facility under the County's delegated pretreatment program.

Name(s) and Signatures of Inspector(s)	Agency/Office/Telephone	Date
Ed Abbasi P.E.	WA Dept. of Ecology/NWRO/(425)649-7227 3190 160th SE, Bellevue, WA 98008-5452	1/17/2008
Robert Wright	WA Dept. of Ecology NWRO - (425)649-7227 3190 160th SE, Bellevue, WA 98008-5452	1-17-08
Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Numbers WA Dept. of Ecology/NWRO/(425)649-7000 fax (425)649-7098	Date 2/7/08

ANNOUNCED Inspection

INSTRUCTIONS

Section A: National Date System Coding (i.e., PCS)

Column 1: Transaction Code. Use N, C, or D for New Change or Delete. All inspections will be new unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number. *(Use the Remarks columns to record State permit number, if necessary.)*

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 94/06/30 = June 30, 1994).

Column 18: Inspection Type. Use one of the codes listed below to describe the type of inspection:

A Performance Audit
B Compliance Biomonitoring
C Compliance Evaluation (non-sampling)
D Diagnostic
E Corps of Engineers Inspection
F Pretreatment Follow-up
G Pretreatment Audit
I Industrial User (IU) Inspection
L Enforcement Case Support
M Multimedia
P Pretreatment Compliance Inspection
R Reconnaissance
S Compliance Sampling
U IU Inspection with Pretreatment Audit
X Toxics Inspection
Z Sludge
2 IU Sampling Inspection
3 IU Non-Sampling Inspection
4 IU Toxics Inspection
5 IU Sampling Inspection with Pretreatment
6 IU Non-Sampling Inspection with pretreatment
7 IU Toxics with Pretreatment

Column 19: Inspector Code. Use one of the codes listed below to describe the *lead agency* in the inspection.
C - Contractor or Other Inspectors (*Specify in Remarks Columns*)
E - Corps of Engineers
J - Joint EPA/State Inspectors - EPA Lead
N - NEIC Inspectors
R - EPA Regional Inspector
S - State Inspector
T - Joint State/EPA Inspectors - State Lead

Column 20: Facility Type. Use of one of the codes below to describe the facility.
1 - Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
2 - Industrial. Other than municipal, agricultural, and Federal facilities.
3 - Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
4 - Federal. Facilities identified as Federal by the EPA Regional Office

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Columns 67-69: Inspection Work Days. Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as follow-up on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, and other updates to the record).

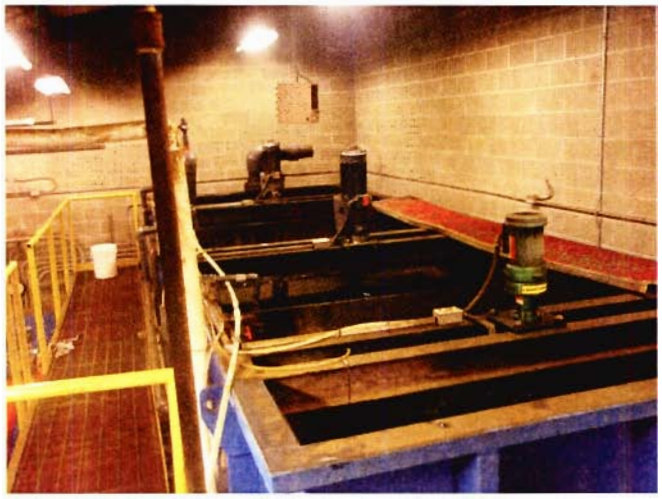
Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection. The heading marked "Multimedia" may indicate medias such as CAA, RCRA, and TSCA. The heading marked "Other" may indicate activities such as SPCC, BMPs, and concerns that are not covered elsewhere.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

PHOTO TAKEN BY BOB WRIGHT. SEATTLE IRON AND METAL. DESCRIPTION: TREATMENT SYSTEM. DATE: DECEMBER 13, 2007



TAKEN BY:
Bob Wright

PHOTO NO. 13

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – Appeared over the capacity.

TAKEN BY:
Bob Wright

PHOTO NO. 14

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – Appeared over the capacity.

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TAKEN BY:
Bob Wright

PHOTO NO. 11

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – Appeared over the capacity.

TAKEN BY:
Bob Wright

PHOTO NO. 12

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – Appeared over the capacity.

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TAKEN BY:
Bob Wright

PHOTO NO. 9

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – By the water. Some runoffs appeared to be entering the waterway.

TAKEN BY:
Bob Wright

PHOTO NO. 10

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – Appeared over the capacity.

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TAKEN BY:
Bob Wright

PHOTO NO. 7

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – By the water. Some runoffs appeared to be entering the waterway.

TAKEN BY:
Bob Wright

PHOTO NO. 8

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard - By the water. Some runoffs appeared to be entering the waterway.

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TAKEN BY:
Bob Wright

PHOTO NO. 5

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – By the water.Soime runoffs appeared to be entering the waterway.

TAKEN BY:
Bob Wright

PHOTO NO. 6

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard - Appeared over the capacity :

TAKEN BY:
Bob Wright

PHOTO NO. 3

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard – Appeared over the capacity

TAKEN BY:
Bob Wright

PHOTO NO. 4

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard - Appeared over the capacity :

TAKEN BY:
Bob Wright

PHOTO NO. 1

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard

TAKEN BY:
Bob Wright

PHOTO NO. 1

Photo file name

SIM
DATE:
12/13/07

DESCRIPTION:

Yard
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